

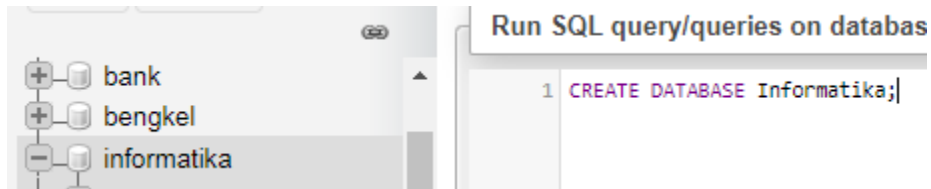
Nama : Windi Saputri

Kelas : E

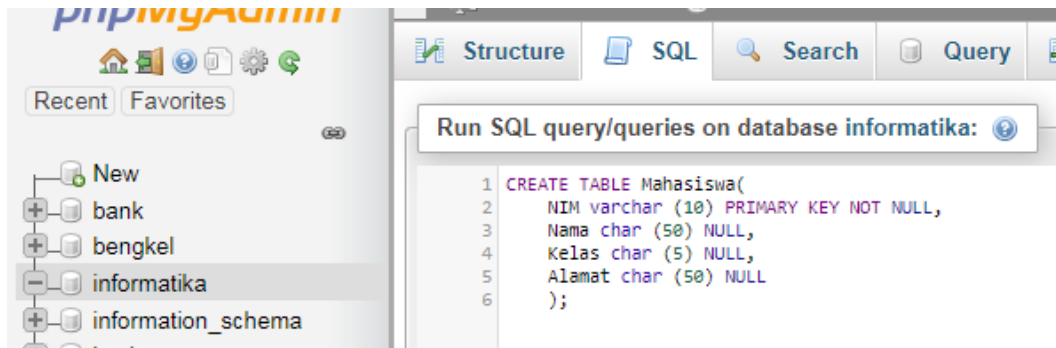
NIM : L200170115

### Percobaan 1.

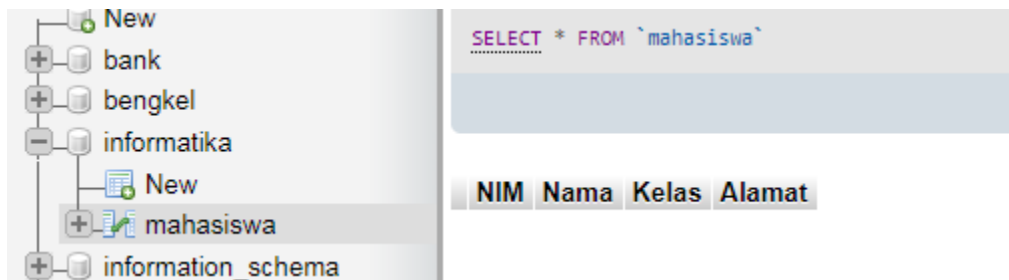
Membuat database “Informatika”



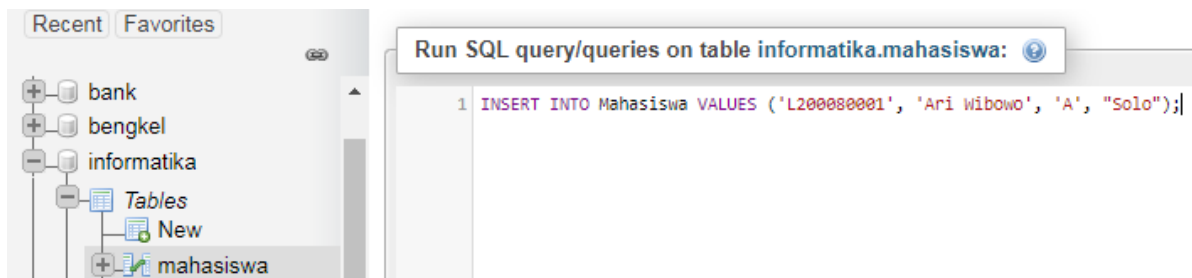
### Percobaan 2.



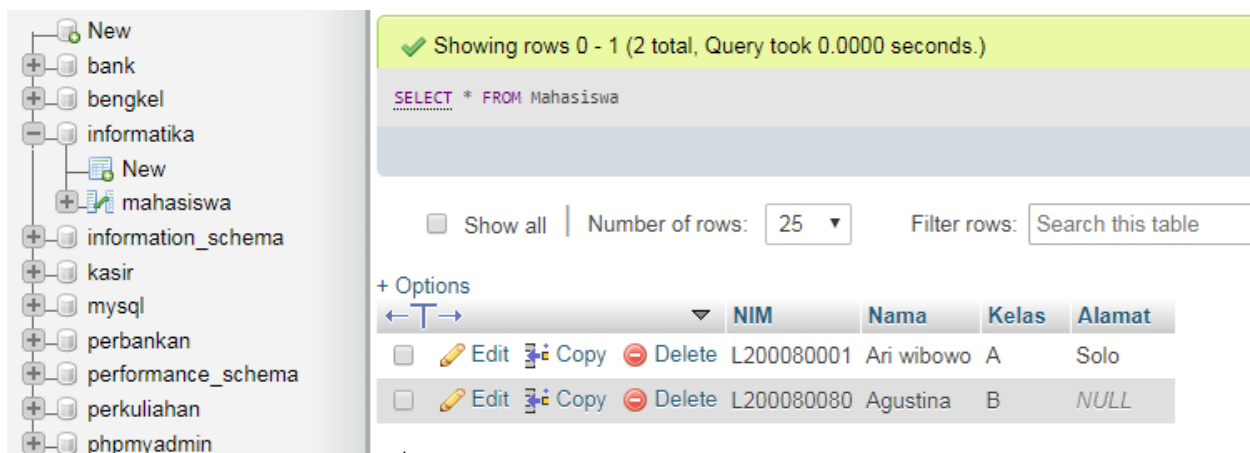
Hasilnya



### Percobaan 3.



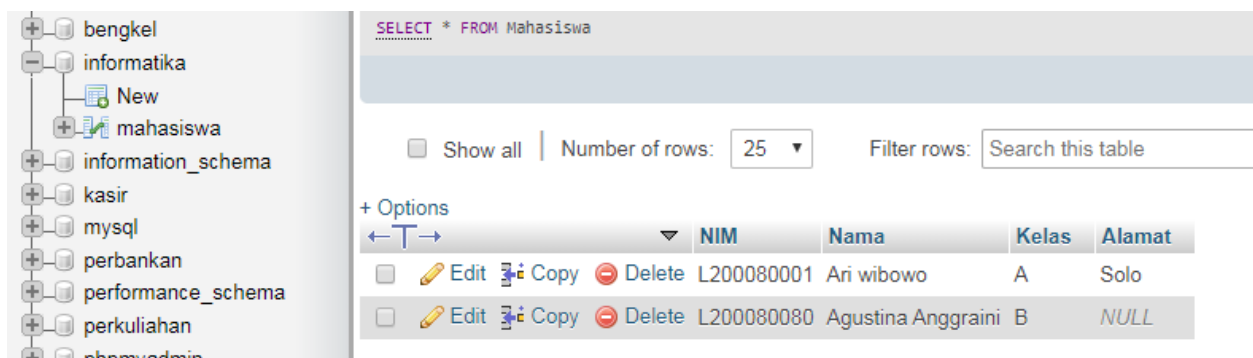
### Hasilnya



#### Percobaan 4.



hasilnya



## Join

Recent Favorites

New  
+ bank  
+ bengkel  
- informatika  
    New  
    + mahasiswa  
+ information\_schema

Run SQL query/queries on table informatika.Mahasiswa: ?

```
1 CREATE table Nilai(  
2     NIM varchar(10) PRIMARY KEY NOT NULL,  
3     Nama_MK char(50) NULL,  
4     Nilai_Angka varchar(10) NULL,  
5     Nilai_Huruf char(10) NULL  
6 );
```

Recent Favorites

New  
+ bank  
+ bengkel  
- informatika  
    New  
    + mahasiswa  
    + nilai

Run SQL query/queries on table informatika.nilai: ?

```
1 INSERT INTO Nilai VALUES  
2 ('L200080002', 'Kapita Seleкта', 60, 'BC'),  
3 ('L200080010', 'Pemrograman web', 87, 'A'),  
4 ('L200080080', 'Pemrograman web', 90, 'A');
```

New  
+ bank  
+ bengkel  
- informatika  
    New  
    + mahasiswa  
    + nilai  
+ information\_schema  
+ kasir  
+ mysql  
+ perbankan  
+ performance\_schema

SELECT \* FROM `nilai`

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort

+ Options

	NIM	Nama_MK	Nilai_Angka	Nilai_Huruf
<input type="checkbox"/> Edit Copy Delete	L200080002	Kapita Seleкта	60	BC
<input type="checkbox"/> Edit Copy Delete	L200080010	Pemrograman web	87	A
<input type="checkbox"/> Edit Copy Delete	L200080080	Pemrograman web	90	A

## Percobaan 5.

Recent Favorites

New  
+ bank  
+ bengkel  
- informatika  
    New  
    + mahasiswa  
    + nilai

Run SQL query/queries on table informatika.nilai: ?

```
1 SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa JOIN Nilai ON  
Mahasiswa.NIM=Nilai.NIM);
```

## Hasilnya

The screenshot shows a database interface with a tree view on the left containing 'mahasiswa' and 'nilai' tables. The main area displays a SQL query: `SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa`. Below the query, there are controls for 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. The results are shown in a table with 5 columns: NIM, Nama, Nama\_MK, Nilai\_Angka, and Nilai\_Huruf. One row is visible with NIM L200080080, Nama Agustina Anggraini, Nama\_MK Pemrograman web, Nilai\_Angka 90, and Nilai\_Huruf A.

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Huruf
L200080080	Agustina Anggraini	Pemrograman web	90	A

## Percobaan 6.

The screenshot shows a database interface with a tree view on the left containing 'mahasiswa' and 'nilai' tables. The main area displays a SQL query: `1 SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa LEFT JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM);`. Above the query editor, there is a button labeled 'Run SQL query/queries on table informatika.nilai:'. The query is highlighted in blue.

## Hasilnya

The screenshot shows a database interface with a tree view on the left containing 'mahasiswa' and 'nilai' tables. The main area displays a SQL query: `SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa`. Above the query editor, there is a button labeled 'Run SQL query/queries on table informatika.nilai:'. The query is highlighted in blue. Below the query, there is a status bar indicating 'Showing rows 0 - 1 (2 total, Query took 0.0000 seconds.)'. Below the status bar, there are controls for 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. The results are shown in a table with 5 columns: NIM, Nama, Nama\_MK, Nilai\_Angka, and Nilai\_Huruf. Two rows are visible: one with NIM L200080001, Nama Ari wibowo, Nama\_MK NULL, Nilai\_Angka NULL, and Nilai\_Huruf NULL; and another with NIM L200080080, Nama Agustina Anggraini, Nama\_MK Pemrograman web, Nilai\_Angka 90, and Nilai\_Huruf A.

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Huruf
L200080001	Ari wibowo	NULL	NULL	NULL
L200080080	Agustina Anggraini	Pemrograman web	90	A

## Percobaan 7.

The screenshot shows a database interface with a tree view on the left containing 'mahasiswa' and 'nilai' tables. The main area displays a SQL query: `1 SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa RIGHT JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM);`. Above the query editor, there is a button labeled 'Run SQL query/queries on table informatika.nilai:'. The query is highlighted in blue.

## Hasilnya

Showing rows 0 - 2 (3 total, Query took 0.0000 seconds.)

```
SELECT Mahasiswa.NIM, Mahasiswa>Nama, Nilai>Nama_MK, Nilai.Nilai_Angka, Nilai.Nilai_Huruf FROM (Mahasiswa RIGHT JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM)
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Huruf
NULL	NULL	Kapita Selekt	60	BC
NULL	NULL	Pemrograman web	87	A
L200080080	Agustina Anggraini	Pemrograman web	90	A

## Percobaan 8.

Run SQL query/queries on table informatika.nilai:

```
1 SELECT AVG(Nilai_Angka) 'Rata-rata Nilai' FROM Nilai;
```

## Hasilnya

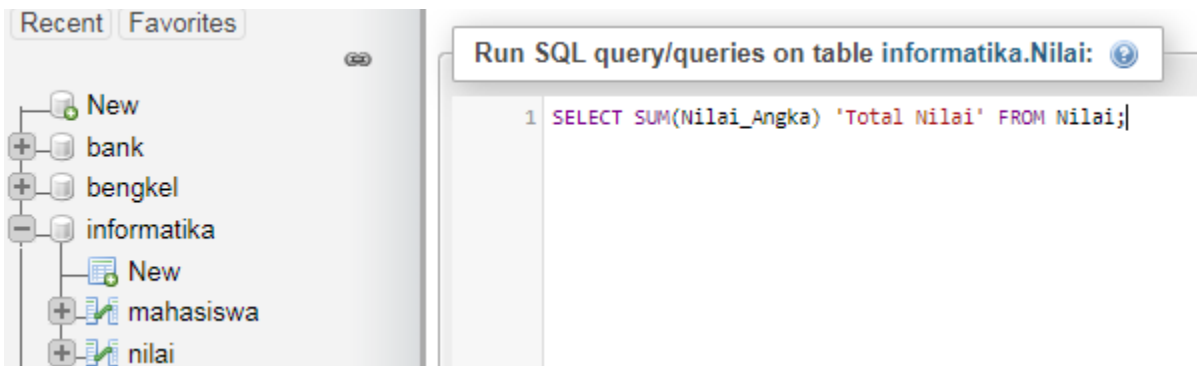
```
SELECT AVG(Nilai_Angka) 'Rata-rata Nilai' FROM Nilai
```

☐ Show all | Number of rows: 25 | Filter row

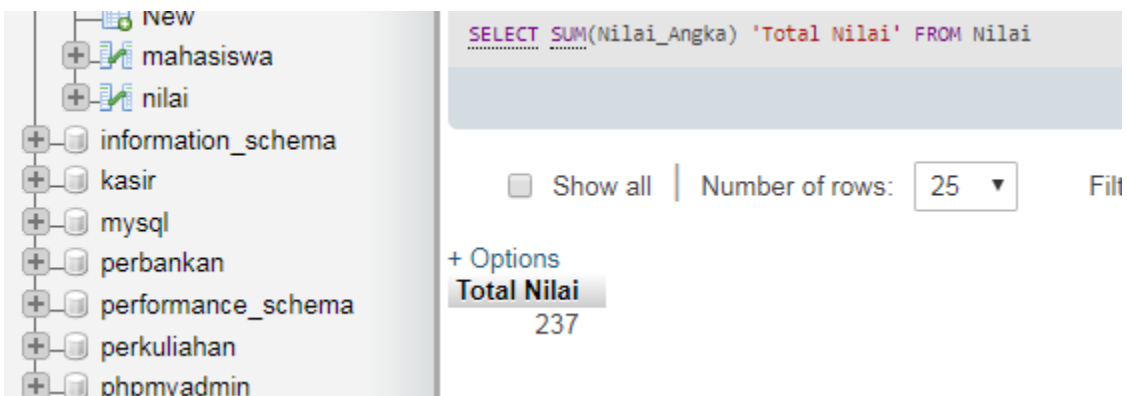
+ Options

Rata-rata Nilai
79.0000

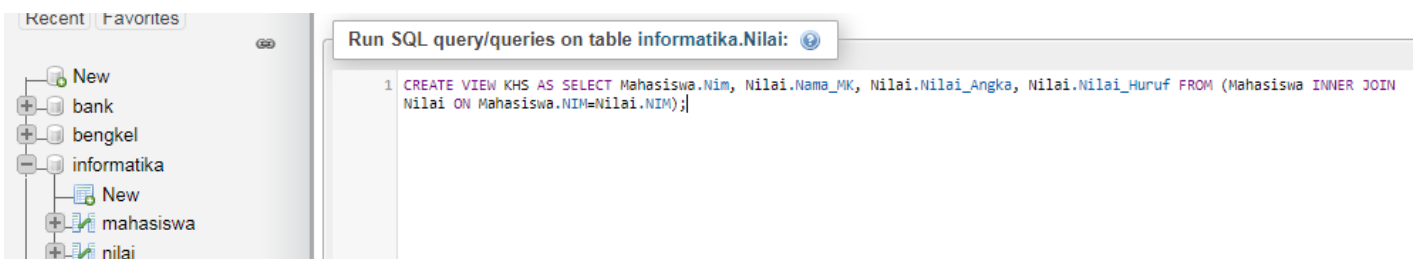
## Percobaan 9.



## Hasilnya



## Percobaan 10.



## Hasilnya

The screenshot displays a MySQL database management tool interface. On the left, a sidebar shows a tree view of database schemas: **Tables**, **Views**, **information\_schema**, **kasir**, **mysql**, **perbankan**, **performance\_schema**, **perkuliahan**, **phpmyadmin**, **test**, and **toko**. The main area shows a SQL query: `SELECT * FROM KHS`. Below the query, there are controls for displaying the results: a dropdown for "Number of rows" set to 25, and a "Filter rows" search box. A "+ Options" link is visible. The results are shown in a table with the following columns: **Nim**, **Nama\_MK**, **Nilai\_Angka**, and **Nilai\_Huruf**. A single row of data is displayed: **L200080080**, **Pemrograman web**, **90**, and **A**. At the bottom, there are action buttons: **Edit**, **Copy**, **Delete**, **Check all**, **With selected:**, **Edit**, **Copy**, **Delete**, and **Export**.

Nim	Nama_MK	Nilai_Angka	Nilai_Huruf
L200080080	Pemrograman web	90	A